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to

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CUMULATIVE ISSUE
JANUARY-DECEMBER 1980
Volume 31 Number 4

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Air University Library Index to Military Periodicals

Volume 31 Number 4

Cumulative Issue

January-December 1980

Frances B. Rucks, Editor

Air University Library Maxwell Air Force Base, Ala.

This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

Preface

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 73 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations (triennial cumulative issues were published from 1952 through 1967). From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members of Air University Library index all of the periodicals with the exception of six titles which are indexed by other Air Force, Army, and Navy libraries. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT B. LANE
Director
Air University Library

AEI For Plcy & Def Rev--AEI Foreign Policy and Defense Review (6 nos. a year) $12.00. American Enterprise Institute for Public Policy Research, 1150 17th St NW, Washington, DC, 30036.

Aerosp Hist--Aerospace Historian (q) $20.00. Eisenhower Hall, Kansas State University, Manhattan, KS, 66506.

Aerosp Intl--Aerospace International (bim) $28.00. Monch Publishing Group, Heilbachstrasse 26, D-5300 Bonn 1, W.Ger.

Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Air Def Mag--Air Defense Magazine (q) $4.00. USAADS, ATTN: ATSA-TD-DLS, Fort Bliss, TX, 79916.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Engrg & Svcs Qtr--Air Force Engineering and Services Quarterly - AFRP 85-1 (q) $6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

*AF J Log--Air Force Journal of Logistics - AFRP 400-1 (q) $6.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402

AF Law Rev--Air Force Law Review - AFRP 110-1 (q) $8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Mag--Air Force Magazine (m) $13.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.

AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. AFSINC/11A, Kelly AFB, TX, 78241.

AF Times--Air Force Times (w) $26.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

Air Reservist - AFRP 30-1 (10 nos. a year) $9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AU Rev--Air University Review, the Professional Journal of the United States Air Force - AFRP 50-2 (bim) $13.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

*Airlift Ops Rev--Airlift Operations Review, Journal of the Airlift Operations School - MACRP 50-1 (q) No price given. Editor, Airlift Operations Review, AOS, Scott AFB, IL, 62225.

Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) $15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Am Avn Hist Soc J--American Aviation Historical Society Journal (q) $15.00. American Aviation Historical Society, P.O. Box 99, Garden Grove, CA, 92642.

*Armada Intl--Armada International (bim) $60.00. Weinbergstrasse 102, P.O.Box CH-8035, Zurich, Switzerland.

Armed Forces & Soc--Armed Forces and Society (q) $20.00. Box 46, Social Science Building, 1126 E.59th St, University of Chicago, Chicago, IL, 60637.

Armed Forces Compt--Armed Forces Comptroller (q) $7.00. Armed Forces Comptroller, P.O. Box 91, Mt Vernon, VA, 22121.

Armed Forces J Intl--Armed Forces Journal International (m) $18.00. Army and Navy Journal, Inc, 1414 22d St, NW, Washington, DC, 20037.

Armor (bim) $8.00. U.S. Armor Assoc, P.O. Box O, Fort Knox, KY, 40121.

Army (m) $13.00. Assoc of the U.S. Army, 2425 Wilson Blvd, Arlington, VA, 22201.

Army Log--Army Logistician (bim) $9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

**Army Qtr--Army Quarterly and Defence Journal (ceased indexing with vol 109, no.3, July 1979)

*Asian Def J--Asian Defence Journal (m) $80.00. Syed Hussain Publication Sdn Bhd, 54-B Jalan Lumut, Damai Complex, P.O.Box 836, Kuala Lumpur, Malaysia.

Aviation, Space & Envmt Med--Aviation, Space, and Environmental Medicine (m) $40.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.

Combat Crew - SACRP 127-1 (m) $14.00. Editor, Combat Crew, Hq SAC/IGFC, Offutt AFB, NE, 68113; for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Command Plcy--Command Policy (changed to Defense/80 with January 1980)

Def & For Aff--Defense & Foreign Affairs (m) $60.00. Copley & Associates, SA, Suite 602, 2030 M St NW, Washington, DC, 20036.

***Defense/80 (formerly Command Policy) (m) $12.00. Armed Forces Information Service, 1117 N.19th St, Arlington, VA, 22209; for sale by Superintendent of Documents, U.S. Government Printing Office, Washinton, DC, 20402.

Def Elect--Defense Electronics (m) $24.00. EW Communications, Inc, 1170 E.Meadow Dr, Palo Alto, CA, 94303.

Def Mgt J--Defense Management Journal (bim) $9.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Def Monitor--Defense Monitor (m) No price given. Center for Defense Information, 122 Maryland Ave NE, Washington, DC, 20002.

Def Sys Mgt Rev--Defense System Management Review (q) No price given. Defense Systems Management College, Fort Belvoir, VA, 22060.

Def Trans J--Defense Transportation Journal (bim) $25.00. National Defense Transportation Assoc, 910 17th St, NW, Ste 301, Washington, DC, 20006.

Educ J--Education Journal - AURP 53-3 (a) No price given. Air Force ROTC, AFROTC/OTEE, Bldg 501, Maxwell AFB, AL, 36112.

*Added titles since the 1979 Cumulative Issue

**Titles ceased indexing since the 1979 Cumulative Issue

***Titles changed since the 1979 Cumulative Issue

Fld Arty J--Field Artillery Journal (bim) $10.00. Field Artillery Assoc, c/o FA Museum, Bldg 437, Fort Sill, OK, 73503.

Govt Exec--Government Executive (m) $18.00. 1725 K St, NW, Washington, DC, 20006.

Hawk, the Independent Journal of the Royal Air Force Staff College (a) $1.90. Royal Air Force Staff College, Bracknell, Berkshire, Eng.

Infantry (bim) $10.00. Editor, Infantry Magazine, Box 2005, Fort Benning, GA, 31905.

Interavia (m) $36.00. 86 Avenue Louis Casai, 1216 Cointrin, Geneva, Switzerland.

Intl Def Rev--International Defense Review (9 nos. a year) $69.00. Interavia S.A., 86 Avenue Louis-Casai, 1216 Cointrin, Geneva, Switzerland.

Intl Sec--International Security (q) $15.00. M.I.T. Press, 28 Carleton St, Cambridge, MA, 02142.

*Intl Sec Rev--International Security Review (q) $12.50. American Security Council Education Foundation, Boston, VA, 22713.

*Islamic Def Rev--Islamic Defence Review (q) $23.40. Islamic Institute of Defence Technology, 16 Grosvenor Crescent, London SW1, Eng.

J Pol & Mil Sociol--Journal of Political and Military Sociology (sa) $9.50. Department of Sociology, Northern Illinois University, DeKalb, IL, 60115.

Log Spectrum--Logistics Spectrum (q) $20.00. Society of Logistics Engineers, Suite 922, Park Plaza, 303 Williams Ave, Huntsville, AL, 35801.

MAC Flyer - MACRP 127-5 (m) $15.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

MarCor Gaz--Marine Corps Gazette (m) $10.00. P.O. Box 1775, Quantico, VA, 22134.

Mil Elect/Countermeasures--Military Electronics/Countermeasures (m) $25.00. Hamilton Burr Pub. Co, 2065 Martin Ave, Ste 104, Santa Clara, CA, 95050.

Mil Engr--Military Engineer (bim) $20.00. Society of American Military Engineers, 607 Prince St, Alexandria, VA, 22314.

Mil Rev--Military Review (m) $12.00. Military Review, USACGSC, Fort Leavenworth, KS, 66027.

NATO's Fifteen Nations (bim) $37.66. Jules Perel's Publishing Co, Post Box 913, 35 Matterhorn, 1186EB Amstelveen, The Netherlands.

Natl Def--National Defense (bim) $22.50. American Defense Preparedness Assoc, Rosslyn Center, Suite 900, 1700 N. Moore St, Arlington, VA, 22209.

Natl Guard--National Guard (m) $4.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.

Nav War Col Rev--Naval War College Review (q) No price given. Editor, Naval War College Review, Naval War College, Newport, RI, 02840.

Navigator - AFRP 50-3 (3 nos. a year) $5.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Officer (m) $5.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.

Parameters, Journal of the U.S. Army War College (q) No price given. Editor, Parameters, U.S. Army War College. Carlisle Barracks, PA, 17013.

RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) $30.00. Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SWIA 2ET, Eng.

Review (bim) $20.00. American Logistics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.

Sea Power (m) $10.00. Navy League of the U.S., 818 18th St, NW, Washington, DC, 20006.

*Sergeants (m) $12.00. Air Force Sergeants Assoc, 4235 28th Ave, Marlow Heights, MD, 20031.

Signal (10 nos. a year) $14.50. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, VA, 22041.

Soldiers, Official U.S. Army Magazine (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Soviet Mil Rev--Soviet Military Review (m) $8.00. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin, Inc, 12224 Parklawn Dr, Rockville, MD, 20852)

Strat Rev--Strategic Review (q) $15.00. United States Strategic Institute, 20 Memorial Dr, Cambridge, MA, 02142.

TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC/SEPP, Langley AFB, VA, 23665.

TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, Hq USAF/IGEP, Washington, DC, 20330. Limited to AF offices.

Translog (m) $12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

USAF Ftr Wpns Rev--USAF Fighter Weapons Review - AFRP 50-4 (q) No charge. 57FWW/DOWN, Nellis AFB, NV, 89191.

USA Avn Dig--United States Army Aviation Digest (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

US Nav Inst Proc--United States Naval Institute Proceedings (m) $18.00. U.S. Naval Institute, Annapolis, MD, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks and/or twice a month		
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U.S. have been eliminated and entry is directly under subject agency, e.g., STRATEGIC AIR COMMAND, not U.S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e.g., AIR FORCE--Great Britain; ARMY--United States.

Material on United States military aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. United States space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e.g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

An organization's abbreviation, if it is a national term, is used not only as a cross reference (e.g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e.g., DEFENSES--NATO). Abbreviations and acronyms are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so listed alphabetically.

Reviews of books are grouped under BOOK REVIEWS; military poetry is listed under POEMS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry: RETIREMENT PAY

The payoff under proposed Uniformed Services Retirement Benefits Act. MajGen Stanley M. Umstead, Jr. illus Officer 55:20-22 Sep '79

Explanation: Under the subject RETIREMENT PAY an article entitled "The payoff under proposed Uniformed Services Retirement Benefits Act" by MajGen Stanley M. Umstead, Jr, with illustrations, appears in the magazine Officer, volume 55, on pages 20 through 22, the September 1979 issue.

A

AABNCP see Advanced Airborne Command Post

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

ACLS see Automatic Carrier Landing System

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Manpower and Personnel Center

AFOSI see Office of Special Investigations

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AFTEC see Air Force Test and Evaluation Center

AGARD see Advisory Group for Aerospace Research and Development

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

APR see Airman Performance Reports

ARTEP see Army Training and Evaluation Program

ASEAN see Association of Southeast Asian Nations

ASIP see Aircraft Structural Integrity Program

ASMS see Missile Type--Aegis

ASW see Antisubmarine Warfare

AUSA see Association of the U.S. Army

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AVRADCOM see Army Aviation Research and Development Command

AWACS see Airborne Warning and Control System

ABORTIONS see Pregnancy

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Cardiovascular responses of man exposed to +Gz accelerations in a centrifuge. B.Vettes and others. illus tabs Aviation, Space & Envmt Med 51:375-378 Apr '80

Coincident loss of consciousness and ventricular tachycardia during $+G_z$ stress. James E.Whinnery and others. illus tab Aviation, Space & Envmt Med 51:827-831 Aug '80

Frank orthogonal vectorcardiograms in humans during and after exposure to $+G_z$ acceleration stress. M.Harold Laughlin and others. illus tabs Aviation, Space & Envmt Med 51:653-660 Jul '80

ACCELERATION - Continued

Human responses to repeated high G simulated aerial combat maneuvers. Russell R.Burton. illus tabs Aviation, Space & Envmt Med 51:1185-1192 Nov '80

Human tolerance to aerial combat maneuvers. Russell R.Burton and Robert M.Shaffstall. tab Aviation, Space & Envmt Med 51:641-648 Jul '80

Psychophysical comparison of vertical and angular vibrations. Richard W.Shoenberger. illus tabs Aviation, Space & Envmt Med 51:759-762 Aug '80

ACCIDENT PREVENTION

See also
Safety Programs

Anatomy of an accident. Capt Glenn Sutherland. illus Aerosp Safety 36:24-25 Mar '80

The best pilot in the squadron. Maj Michael T.Fagan. illus Aerosp Safety 36:17-19 Jun '80

Blowing in the wind. Maj Gary L.Studdard. illus tab Aerosp Safety 36:2-3 Jul '80

Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

Coffin corner plus windshear equals upset. illus Aerosp Safety 36:18-19 Oct '80

Common sense ... basic to flying. LtCol Paul Kimminau. illus TAC Attack 20:10-11 Aug '80

The cost of a crash. Capt George R.Thomson, Jr. illus Combat Crew 30:16-17 Feb '80

The day Charlie died. Maj David V.Froehlich. illus Aerosp Safety 36:22-23 Nov '80

Defensive flying. Capt Dennis Storck. illus Aerosp Safety 36:8-9 Jun '80

Dem's da brakes. Capt Mike Shub. illus TAC Attack 20:8-9 Mar '80

Explosives safety. TIG Brief 32:25 Aug 29 '80

Extended driving--how far is too far? SSgt Steve Hull. illus TAC Attack 20:18-20 May '80

F-4 rollers: Wheels, tires, brakes. LtCol Horst Gaede. illus Aerosp Safety 36:23-24 May '80

FOD--it could be hazardous to your health. Capt Dennis Storck. illus Aerosp Safety 36: inside front cover May '80

Facility damage from winter storms. TIG Brief 32:21 Jan 25 '80

First aid. illus TAC Attack 20:12-13 Jun '80

For Eagle drivers only--but other types should read it, too. Capt Paul Q.G.Woodford. (Reprinted from Airscoop, August 1980) illus Aerosp Safety 36: 14-15 Nov '80

For pilots only. Roger G.Crewse. Aerosp Safety 36: 2-3+ Jan '80

A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80

The formation challenge. Maj James L.Gillespie. illus Aerosp Safety 36:2+ Feb '80

G-tolerance: A case for short pilots. Maj James E. Whinnery and Sidney D.Leverett, Jr. illus Aerosp Safety 36:6-7 May '80

ACCIDENT PREVENTION - Continued

Genesis of flying safety. (Gen William H. Tunner) Maj James G. Gibson II. illus MAC Flyer 27:14-15 Jun '80

Going on leave. Maj Roger L. Jacks. illus Aerosp Safety 36:5 May '80

Hazard reporting. TIG Brief 32:19 Jan 25 '80

Heat got ya'? illus TAC Attack 20:20 Jul '80

Helicopter in-flight icing. Arthur J. Negrette. (Reprinted from Aerospace Safety, March 1977) illus Aerosp Safety 36:18-20 Feb '80

Hit my smoke. Maj David V. Froehlich. illus Aerosp Safety 36:12-13 Apr '80

Hypothermia ... cold weather killer. LtCol George J. Bifolchi. illus Aerosp Safety 36:10-11 Feb '80

Ice, snow & 10 below. illus Aerosp Safety 36:2-3 Nov '80

Inadvertent landing gear retractions. TIG Brief 32:17 May 30 '80

Instrument related accidents. WgComdr Jeremy Saye. illus TAC Attack 20:14-15 Oct '80

It (T-37) really does use monkeys and mirrors. Capt Jim Davis. illus Aerosp Safety 36:12-15 May '80

Jet engine ingestion. TIG Brief 32:3 Jan 11 '80

Leadership, discipline, airmanship. Col Robert D. Anderson. illus TAC Attack pt 1, 19:26-27 Nov '79; pt 2, 19:24-25 Dec '79; pt 3, 20:18-19 Jan '80

Little things mean a lot. LtCol Eugene La Mothe. illus Aerosp Safety 36:4-5 Nov '80

Midair collision avoidance programs. TIG Brief 32: 15-16 Aug 8 '80

The mission ... and the man. LtCol Jim Bustle. tabs TAC Attack 20:4-7 Aug '80

Near disaster. illus Aerosp Safety 36:2-5 Aug '80

Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80

1980 aircraft mishap forecast. Roger G. Crewse. illus tabs Aerosp Safety 36:2-5 Mar '80

No weak links. illus USA Avn Dig 26:24-26 Mar '80

Nomex vs nylon flying jackets. Maj William Harrison. illus Aerosp Safety 36:24-25 Jul '80

On flying airplanes after things go wrong. Maj Pete Abler. illus TAC Attack 20:12-13 Feb '80

A personal review. SqLdr Peter A. Barratt. (Reprinted from Aerospace Safety, June 1978) Aerosp Safety 36:20-22 May '80

Phantom vari-ramp. Maj Di Johnson. illus TAC Attack 20:20-21 Sep '80

Pressing problems. Maj Jim Stewart. (Reprinted from Flight Comment, No. 1, 1980) illus Aerosp Safety 36:5-7 Sep '80

Rules for survival. Maj Wayne Skora. illus TAC Attack 20:22-23 Feb '80

The rumor mill. Maj Arthur P. Meikel. illus Aerosp Safety 36:16-17 Nov '80

Safe disposal of munitions scrap. TIG Brief 32:22 Jan 25 '80

ACCIDENT PREVENTION - Continued

Safety domino theory. TIG Brief 32:17-18 Sep 26 '80

Safety first ... last ... and always. illus Aerosp Safety 36:21-24 Sep '80

Safety supervision (direct and indirect). TIG Brief 32:17 Nov 14 '80

Safety trophies for distinguished contributions during 1979. illus Aerosp Safety 36:14-15 Jun '80

See and avoid. Maj Pete Abler. illus TAC Attack 20: 4-6 Apr '80

Spatial disorientation. Maj Kenneth C. Dozier. Aerosp Safety 36:12-13 Feb '80

Stay safe on the 4th of July. TIG Brief 32:12 Jun 27 '80

Summer operations--no sweat? Don't bet. WgComdr Peter S. Wilkins. illus TAC Attack 20:18-19 Jul '80

Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80

Technical data and maintenance discipline. TIG Brief 31:18 Dec 21 '79

That's why. (Cockpit switches) MSgt John Mann. illus TAC Attack 20:24-25 Jan '80

Three strikes and you're out. Maj John W. Lapointe. illus TAC Attack 20:22-23 Dec '80

To err is human. Maj Wayne Griffith. illus TAC Attack 20:20-23 Apr '80

To see or not to see. Maj Tom Shaughnessy and Capt Mike Shub. illus TAC Attack 20:26-29 Oct '80

Tragedies can be prevented. Col Stanley P. Schneider. illus TAC Attack 20:15 Feb '80

200 & 1/2 mi. Maj Pete Abler. illus TAC Attack 20: 4-6 Jun '80

Unchained melody, or how to almost run over your SOF. Capt John W. McGeough, Jr. illus Aerosp Safety 36:18-19 May '80

University study tests ways to make cyclists more visible. TIG Brief 32:4 Jan 25 '80

Visibility, safety and you. MSgt Frederick N. Rottet. illus Aerosp Safety 36:10-11 May '80

Volcanoes and airplanes. illus Aerosp Safety 36:16-17 Oct '80

Weapons words: Explosives safety history. John H. Kawka. TAC Attack 20:22-23 Aug '80

The weekend warrior. Beatrice Waggener. illus TAC Attack 20:12-13 Sep '80

Which way is down? CDR V. M. Voge. (Reprinted from Approach, May 1980) illus Aerosp Safety 36:16-18 Jul '80

Whiteout: A rotary-wing winter menace. LtCol Robert L. Gardner. illus Aerosp Safety 36:8-11 Jan '80

Wingmen do it better. LtCol Horst Gaede. illus Aerosp Safety 36:3-4 Feb '80

ACCIDENTS

Civilian employee injury compensation claims. tab TIG Brief 31:11-12 Dec 21 '79

ACCIDENTS - Continued

Disaster Response Force (DRF) off-base convoy operations. TIG Brief 32:10 Aug 8 '80

Ground safety: Reporting natural phenomena. TIG Brief 32:20 Feb 8 '80

Causes

Alcohol often ignored as villain in mishaps. Don Mace. AF Times 40:2 Apr 28 '80

Design-induced operator error. TIG Brief 32:14 Mar 7 '80

Human-factor-caused mishap. TIG Brief 32:18 Aug 8 '80

The jump: It took only a moment of carelessness. Gilbert L. Parker. illus AF Times, Times Magazine sup:18-19+ Dec 8 '80

Just another Saturday. illus Soldiers 35:34-35 Nov '80

Oxygen enrichment accidents. MAC Flyer 27:6 Nov '80

Safety first ... last ... and always. illus Aerosp Safety 36:21-24 Sep '80

Investigations

'A picture is worth a thousand ...' TIG Brief 32:9 May 16 '80

Premature closeout of aircraft mishap recommendations. TIG Brief 32:20 Jan 25 '80

Significant points of interest in a mishap investigation. TIG Brief 32:11-12 Mar 7 '80

Technical assistance to safety investigations. TIG Brief 32:20 Nov 14 '80

ACCIDENTS, AIR

Aviation accident law--the legal anatomy of a military air crash. Maj David E. Prewitt. USA Avn Dig 26: 32-34 May '80

C-141 crash kills 13 in 'Bright Star.' AF Times 41:4 Nov 24 '80

In praise of the aircrew. (From a tribute read at the Memorial Service, Dyess AFB, TX, for the 463d TAW crewmen killed in the crash of their C-130 Hercules near Tarsus, Turkey, March 14, 1980) LtCol Gene Hollrah. AF Plcy Ltr for Comdrs: Sup, pp 35-36, Jun '80

Midair collision avoidance programs. TIG Brief 32: 15-16 Aug 8 '80

No more major or minor accidents. illus tab USA Avn Dig 26:16-20 Apr '80

Panel (Aerospace Medical Assoc, Anaheim, CA, May 12-15, 1980): The modern view of airport disaster medical management. Alex C. Webb and others. illus tabs map Aviation, Space & Envmt Med 51:1256-1269 Nov '80

Causes

See also
Pilot Error

Accidents--a different approach: Attitudes and priorities. Maj Wiley E. Greene. illus TAC Attack 20: 24-25 Mar '80

ACCIDENTS, AIR - Continued

Causes - Cont'd

Anatomy of an accident. Capt Glenn Sutherland. illus Aerosp Safety 36:24-25 Mar '80

Betting the 50. Joseph F. Tilson. illus Aerosp Safety 36:2-3 May '80

The birds are back. illus map TAC Attack 20:18-20 Nov '80

Birds of a feather. illus Aerosp Safety 36:8-9 Feb '80

Birdstrike at 480 kts. Capt Mike Hambrick. illus Aerosp Safety 36:12-13 Oct '80

Birdstrike remains identification. TIG Brief 32:15 Apr 4 '80

Blowing in the wind. Maj Gary L. Studdard. illus tab Aerosp Safety 36:2-3 Jul '80

A boot full of rudder. Capt Jimmy Carter. illus TAC Attack 20:4-6 Jul '80; Aerosp Safety 36:10-12 Aug '80

But I thought ... CDR V.M. Voge. (Reprinted from Approach, Aug 1980) illus Aerosp Safety 36:24-25 Oct '80

Coming soon: Wire strike protection for helicopters. LeRoy T. Burrows. illus USA Avn Dig 26:36-39 Sep '80

The cost of a crash. Capt George R. Thomson, Jr. illus Combat Crew 30:16-17 Feb '80

Crew confusion: Helicopter mishap with a moral. Aerosp Safety 36:26-27 Jul '80

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B-26

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B-29

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B-57

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B-70

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Bird Dog

See O-1

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C-47

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C-118

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C-121

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C-123

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Movin' in the model 'A.' TSgt Ed Martins. illus Air Reservist 32:6-8 Sep-Oct '80

New feathers for MAC birds. Capt John P. Pugh. illus Airlift Ops Rev 2:11-14 Jan-Mar '80

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Peacetime training vs wartime role. MajGen Charles F. G. Kuyk, Jr, Ret. illus tab Airlift Ops Rev 2: 11-12 Jul-Sep '80

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Canberra

See B-57; EB-57

Commando

See C-46

Constellation

See C-121

AIRPLANE TYPE - Continued

Corsair II

See A-7

E-3

(Boeing E-3A Sentry Airborne Warning and Control System) Jay Miller. illus AF Times 41:14 Nov 10 '80

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E-4

Impressive is word for Boeing's 747. Jay Miller. illus AF Times 40:16 Mar 3 '80

SAC due 1st E-4B. AF Times 40:20 Jan 14 '80

EB-57

History

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EC-121

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EC-130

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Eagle

See F-15

F-4

F-4 Air Reserve forces conversion program. TIG Brief 32:11 Dec 12 '80

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F-5

The new American export fighters. Charles Gilson and Mark Lambert. illus tabs Interavia 35:1165-1168 Dec '80

F-12

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F-15

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FB-111

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Mohawk

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Mustang

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Neptune

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Scorpion

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Shooting Star

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Skyhawk

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Skytrain

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Starlifter

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Stratofortress

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Stratofreighter

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AIRPLANE TYPE - Continued

Stratolifter

See C-135

Stratotanker

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Super Sabre

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T-38

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V-1

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V-10

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VSX

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Warning Star

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XB-70

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YF-16

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Aircraft, Experimental

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ARMY MATERIEL DEVELOPMENT AND READINESS COMMAND

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United States

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See also
Flights, Famous and Historic

Aerospace world. Regular feature in issues of Air Force Magazine

AVIATION - Continued

The armchair aviator. Regular feature in issues of Air Force Times

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Physiological Aspects

See also specific conditions, e.g.,
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Agricultural aviation medicine in the Soviet Union. S.R.Mohler. illus Aviation, Space & Envmt Med 51:515-517 May '80

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U.S. and European general aviation: Fleets and utilisation. illus tabs Interavia 35:802-804 Sep '80

Great Britain

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(Col) George V. Holloman: Missile pioneer. Jacob Neufeld. illus Aerosp Hist 27:101-102 Jun '80

The man (Maj Rudolph "Shorty" Schroeder) with the frozen eyeballs (1920). Hal Craven. illus Translog 11:7-8 Feb '80

Pioneers of the sky. SSgt Jim Boersema. illus Soldiers 35:22-25 Aug '80

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Airlines
Airports

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How to get more out of your 747: Pan Am and Qantas take different routes. Paul Maurice. illus Interavia 35:931-935 Oct '80

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See Air Law

Europe, Western

The next medium-range airliner--European airlines' wish list. illus map Interavia 35:1147-1148 Dec '80

Two different styles in European commuter airlines. Marc Grangier. illus Interavia 35:815-817 Sep '80

Germany (Federal Republic)

The latest 737 enters service. illus Interavia 35:958-959 Oct '80

Great Britain

Air Europe flies the British holidaymakers. Paul Maurice. illus Interavia 35:949-950 Oct '80

The latest 737 enters service. illus Interavia 35:958-959 Oct '80

AVIATION, COMMERCIAL - Continued

Iceland

Iceland's air transport network. Doug Birch. illus Interavia 35:634-635 Jul '80

Switzerland

Swissair stresses environment benefits of DC-9 Super 80. Mark Lambert. illus Interavia 35:1105-1106 Dec '80

United States

Commuter aircraft and FAR (Federal Aviation Regulation) 24: New rules for a changing game. Marc Grangier and Eric Biass. illus Interavia 35:719-722 Aug '80

FAA & industry: First to be forced apart? David Hoffman. Govt Exec 12:26-27 Jun '80

767--Boeing's next world-beater. Klaus Regelin. illus tabs Interavia 35:678-686 Aug '80

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AVIATION HALL OF FAME

1980 (Aviation) Hall of Fame ceremonies. LtGen Ira C.Eaker, Ret. AF Times 41:19-20 Aug 11 '80

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Agricultural aviation medicine in the Soviet Union. S.R.Mohler. illus Aviation, Space & Envmt Med 51:515-517 May '80

Dr Sam. Regular feature in some issues of TAC Attack

(Papers) (Joint Committee on Aviation Pathology, 11th Scientific Session, U.S. Naval Academy, Annapolis, Sep 5-8, 1978) illus tabs Aviation, Space & Envmt Med 51:959-1079 Sep '80

Planning the Aerospace Medicine Program. TIG Brief 32:15 Jan 25 '80

Self-medication: Do as I teach, not as I did. Maj Peter J.Edgette. illus USA Avn Dig 26:38-39 Jul '80; Aerosp Safety 36:12-13 Nov '80

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Women to get centrifuge tests at SAM (School of Aviation Medicine). AF Times 41:20 Nov 17 '80

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Navy Neptune in '46 set distance record. Jay Miller. illus AF Times 40:24 Mar 31 '80

Record setter (MIG Ye-166) unveiled. Jay Miller. illus AF Times 40:26 Jan 28 '80

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Aircraft computers programed with a single keystroke. Richard Hartman. illus tabs Def Elect 12: 35-36+ May '80

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Fault-surviving flight control avionics. Louis J. Franchi. illus Mil Elect/Countermeasures 5:40+ Dec '79

GenAv avionics: Towards the 'glass cockpit.' Chris Bulloch. illus Interavia 35:819-822 Sep '80

IACS (Integrated Avionics Control System)--the way ahead in cockpit control. illus Interavia 35:334 Apr '80

Light aircraft avionics. illus Aerosp Intl 16:30-31 Jul-Aug '80

Mux Bus tester for standard avionics. illus tab Mil Elect/Countermeasures 6:67-69 Mar '80

New life for aging warplanes. Doug Richardson. illus Aerosp Intl 16:32+ Nov-Dec '80

Study and Teaching

In the Lowry (AFB, CO) tradition. (Technical training changes to meet new needs) Capt Katie Cutler. illus Airman 24:31-33 Jan '80

AVIONICS LABORATORY see Air Force Avionics Laboratory

AWARDS, DECORATIONS, ETC

Russia

Defence Minister's Pennant. LtCol K.Petrov. illus Soviet Mil Rev No.2:42 Feb '80

The highest award of the motherland (Order of Lenin). illus Soviet Mil Rev No.3:43-45 Mar '80

Order of the Red Star. illus Soviet Mil Rev No.4:62 Apr '80

United States

See also
Medal of Honor

AFCEA ROTC, (scholarship and Service Academy) awards, 1980. illus Signal 35:69-74+ Sep '80

AFRes receives Foulois Award (for having the most effective aircraft accident prevention program). Officer 56:12 May '80

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(Air) Logistics Center (Kelly AFB, TX) wins OPM (Exemplary Practice in Federal Productivity) Award. AF Times 40:25 Jun 23 '80

Airmen of the Year. illus AF Times 40:6 Jun 30 '80

Audie Murphy ... most decorated soldier of World War II. SSgt Jim Boersema. illus Soldiers 35: 18-21 Feb '80

AWARDS, DECORATIONS, ETC - Continued

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Awards--new medal, ribbons. Don Mace. AF Times 41:1+ Nov 3 '80

A commitment to excellence. (AF's Outstanding Airmen for 1979) Capt Dick Sheffield. illus Airman 24:8-12 Jan '80

Congressional Gold Medal awarded to LtGen Ira C. Eaker. illus Aerosp Hist 27:71-72 Mar '80

England (AFB, LA), Eglin AFB (FL) take Hennessy honors. illus AF Engrg & Svcs Qtr 21: back cover Aug '80

144th FIW tops William Tell. AF Times 41:16 Oct 27 '80

Giant Voice '79. Maj Steve Miller. illus tabs Combat Crew 30:4-7+ Jan '80

'God, I'm not ready ... yet.' (Capt Christopher C. Soto receives the Cheney Award for rescuing his pilot from a burning F-105) SMSgt Dave Sheeder. illus Airman 24:15-20 Apr '80

'Gray Eagle' title is passed on to LtGen ODonnell: Fifth for Corps. MarCor Gaz 64:8 Jan '80

Hennessy (Trophy food service awards) to England (AFB, LA), Eglin (AFB, FL). AF Times 40:4 Apr 28 '80

Images. (Military Photographer of the Year competition) SP5 Gary Kieffer. illus Soldiers 35:44-47 Sep '80

The Institute of Navigation Superior Achievement Award (presented to Capt Terry N. Mayer). illus Navigator 27:10-11 Winter '80

It's no snap. (Prizewinning AF photos in 1979 Military Photographer of the Year competition) illus Airman 24:39-43 Jul '80

LtGen James M. Gavin to get Marshall Medal (from AUSA). illus Army 30:11 Aug '80

MCAA honors aviation's best. illus MarCor Gaz 64:4 Nov '80

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NDTA honors (military) transportation units (at 35th Forum and Exposition, Chicago). illus Translog 11:3-4 Sep '80

New achievement medal worth one WAPS point. Don Mace. AF Times 41:7 Nov 10 '80

1980 (American Society of Military Comptrollers) national award winners. Armed Forces Compt 25:21 Aug '80

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See also
Airplanes in Fire Fighting
Helicopters in Fire Fighting
also subdivision under specific subjects, e.g.,
Airplanes, Military--Fires and Fire Prevention
Airports--Fires and Fire Prevention
Helicopters, Military--Fires and Fire Prevention
Ships--Fires and Fire Prevention

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FIRST AID

See also
Artificial Respiration

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Laws and Regulations

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Directories

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FLEXITIME see Hours of Labor

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A-7 experiment moving toward F/O validation. illus Mil Elect/Countermeasures 6:32-33 Aug '80

Behind the power curve. Maj Pete Abler. illus TAC Attack 20:4-6 May '80

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Needle, ball, and ... Capt David Burnett. illus TAC Attack 20:4-6 Feb '80

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FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conduct of flights.

FLIGHT INFORMATION - Continued

See also related subjects, e.g.,
Flight Path
Weather Forecasting

FLIGHT INSTRUMENTS see Aeronautical Instruments

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... and a few moments of stark terror. Capt Eric A. Peters. illus Aerosp Safety 36:2-4 Dec '80

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Movin' in the model 'A.' TSgt Ed Martins. illus Air Reservist 32:6-8 Sep-Oct '80

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Air Force--Switzerland

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New horizons for flying training. Maj Gene E. Townsend. illus AF Mag 63:36-42 Apr '80

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This heading is used for popular, nontechnical articles on the pleasures of flying.

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FLYING CLUBS see Aero Clubs

FLYING SAFETY

See also
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

... and a few moments of stark terror. Capt Eric A. Peters. illus Aerosp Safety 36:2-4 Dec '80

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Behind the power curve. Maj Pete Abler. illus TAC Attack 20:4-6 May '80

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Bubble gum, bailing wire, and ASIP (Aircraft Structural Integrity Program), or ... how we keep your aircraft from falling apart. Maj Paul L. Tiley. illus tabs Aerosp Safety 36:22-23 Feb '80

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But I thought ... CDR V.M.Voge. (Reprinted from Approach, Aug 1980) illus Aerosp Safety 36:24-25 Oct '80

Caffeine 80's--drug of abuse in the eighties? Col Richard B.Pilmer. illus tab Aerosp Safety 36:6-9+ Aug '80

The care and feeding of copilots. Maj David V. Froehlich. illus Aerosp Safety 36:22-23 Jul '80

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G-tolerance: A case for short pilots. Maj James E. Whinnery and Sidney D.Leverett, Jr. illus Aerosp Safety 36:6-7 May '80

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On fighter instruction. Maj Gary L.Sholders. illus Aerosp Safety 36:4-7 Jun '80

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Pressing problems. Maj Jim Stewart. (Reprinted from Flight Comment, No.1, 1980) illus Aerosp Safety 36:5-7 Sep '80

Rescue reversal. illus MAC Flyer 27:14-15 Jul '80

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Residual effects of alcohol on aircrew performance. Leon M. Wise. (Reprinted from SAFE Journal, Summer 1980) illus Aerosp Safety 36:16-19 Sep '80

Rules for survival. Maj Wayne Skora. illus TAC Attack 20:22-23 Feb '80

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Tankers live longer. (The value of the in-flight Acoustic Crack Detection System (ACDS) for C/KC-135 aircraft) Budd Parrish. illus tabs Aerosp Safety 36:8-11 Apr '80

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30 years of combat crew flying. Maj Stephen J. Miller. illus tabs Combat Crew 30:6-7+ Jun '80

This thing called density altitude. illus Aerosp Safety 36: inside front cover Aug '80

Three strikes and you're out. Maj John W. Lapointe. illus TAC Attack 20:22-23 Dec '80

Thunderstorm avoidance using airborne radar. Capt Robert E. Leblanc. illus Aerosp Safety 36:10-12 Jun '80

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Tornadoes and flying machines don't mix--and neither does anything else. Capt John K. Sanders. illus tab TAC Attack 20:12-14 May '80

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Who's minding the bird? Capt Michael Wetherell. illus Aerosp Safety 36:26 Jun '80

Wingmen do it better. LtCol Horst Gaede. illus Aerosp Safety 36:3-4 Feb '80

History

Genesis of flying safety. (Gen William H. Tunner) Maj James G. Gibson II. illus MAC Flyer 27:14-15 Jun '80

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See also
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Rations
Space Feeding

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How to obtain food stamps. AF Times 40:3 Jun 2 '80

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Lackland (AFB, TX) store saves 25 percent. tab AF Times 40:25 Mar 17 '80

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FOOD - Continued

Costs - Cont'd

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50 years of frozen foods. illus Review 58:40 Mar-Apr '80

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In-Flight Meal Service

Air Force

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Feeding the 'now' generation. MajGen Emmett W. Bowers. illus Army Log 12:8-11 Mar-Apr '80

Meal rates to rise. AF Times 41:26 Nov 3 '80

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Navy's fast food track. CDR Michael H. Burnett. Review 58:32-33 May-Jun '80

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The changeover to 'go to war' management. Gen Robert M. Shoemaker. illus Army 30:28-32 Oct '80

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries

FOREIGN DUTY PAY

House panel (Armed Services Subcommittee on Compensation) approves o'seas pay/leave plan. Martha Lynn Craver. AF Times 40:1+ Jun 30 '80

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For general foreign relations of a country, look under the name of the country, e.g., United States--Foreign Relations. For foreign relations of one country with another, look under either country, e.g., United States--Foreign Relations--Latin America; Latin America--Foreign Relations--United States.

See also
International Relations

FOREIGN SERVICE see Diplomatic and Consular Service

FOREIGN WEAPONS EVALUATION

Foreign Weapons Evaluation (FWE): Potential for saving time and money. F. Clifton Berry, Jr. illus tabs AF Mag 63:55-59 May '80

FORESTS AND FORESTRY

Forests--the Army's greens. SP5 Bill Branley. illus Soldiers 35:46-48 Jul '80

FORMATION FLYING

Flight lead responsibilities. illus TAC Attack 20: 22-24 Oct '80

Flight lead responsibilities. Maj Mike Ridnouer. illus TAC Attack 20:4-6 Sep '80

The formation challenge. Maj James L. Gillespie. illus Aerosp Safety 36:2+ Feb '80

Low altitude training considerations. Maj Robert L. Tone. illus USAF Ftr Wpns Rev, pp 2-5, Fall '80

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Wingmen do it better. LtCol Horst Gaede. illus Aerosp Safety 36:3-4 Feb '80

Study and Teaching

Go lost wingman. Capt Craig Lamkin. illus TAC Attack 20:14-15 Jan '80

FORMOSA see China (Republic)

FORMS, MILITARY

A form (AFTO 781A) in your future. Maj Dion W. Johnson. illus Aerosp Safety 36:10-11 Sep '80

You and the 781. Maj David G. Miller. illus Combat Crew 30:4-5+ Feb '80

FORREST, John F.

LtGen Forrest speaks about leadership to Army Section (ROA). Officer 56:11 Aug '80

FORTS see Army Posts

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Reinventing the FAC: Vietnam, 1962. Maj Douglas K. Evans, Ret. illus AF Mag 63:71-75 Feb '80

Still leading the way. (Wisconsin ANG uses OA-37 jets for forward air control) Sgt Craig Pugh. illus Airman 24:2-6 Aug '80

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STOL see Airplanes, V/STOL

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Flying Safety
Ground Safety
Water Safety
also subdivision Safety Measures under specific subjects, e.g.,
Aircraft Carriers--Safety Measures
Airplanes--Safety Measures
Airplanes, Military--Safety Measures
Building and Construction--Safety Measures
Chemical-Biological Warfare--Safety Measures
Helicopters, Military--Safety Measures
Missiles--Safety Measures
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